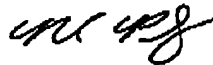


REMARKS

Claims 54-67, 76 and 77 remain pending in the present application. Claims 42-53 and 68-75 have been canceled. Claims 76 and 77 are allowed. Claims 54-67 were objected to by the Examiner as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form to include the limitations of the base claim and any intervening claims. Accordingly, Claim 54 has been amended to include the limitations of now canceled independent Claim 47, while Claim 58 has been amended to include the limitations of now canceled independent Claim 42. It is believed that the amendments above place the case into condition for allowance. A copy of the Information Disclosure Statement previously submitted on January 19, 2006 has been provided for reference purposes. It is noted that, in a telephone conversation on May 18, 2006 between Mike Pritzkau, Attorney for Applicant, and Examiner Hung Nguyen, it was agreed that Chapter 22 of the Handbook of Geophysics, which was cited by Applicant in the aforementioned Information Disclosure Statement, will be considered by the Examiner and initialed as such on the IDS. Applicant appreciates the Examiner's consideration of the Application.

If the Examiner has any questions concerning this case, the Examiner is respectfully requested to contact Mike Pritzkau at 303-410-9254.

Respectfully submitted,



Michael M. Pritzkau
Reg. No. 37,913